



PERFORMANCE BY
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ENGINEERING**

IE MQB FWD Performance Lowering Springs Install Guide
IE Part Numbers: IESUC15

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of Integrated Engineering's MQB lowering springs for front-wheel drive. This kit needs to be installed by a professional or an experienced technician. Integrated Engineering is not responsible for any damage caused by incorrect installation.



IESUCI5 Kit Contents:

- (2X) MQB FWD front springs
- (2X) MQB RWD front springs

Required Tools:

- 18mm Socket
- 18mm Wrench
- 13mm Socket
- 13mm Wrench
- 14mm Triple Square Bit
- Spring compressor
- Strut Spreader
- Floor jack/Transmission jack

Steps can be repeated on both sides.

Jack up the car and remove the wheels.

Remove ride height leveling sensor link by prying against bracket to pop the arm off



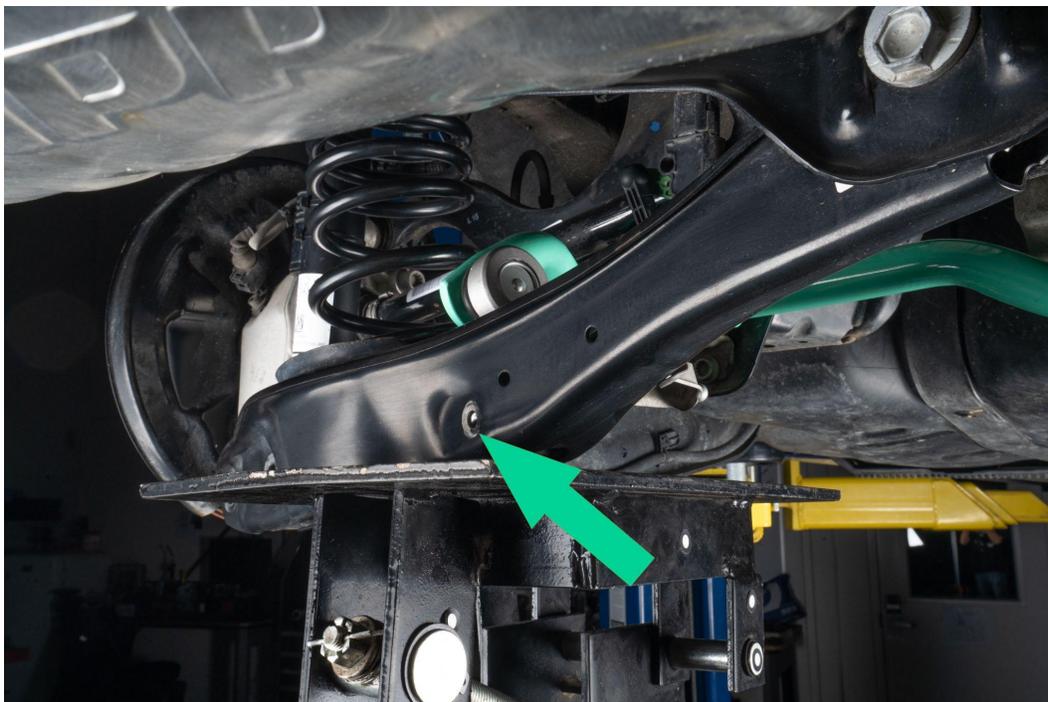
Support lower control arm with Jack



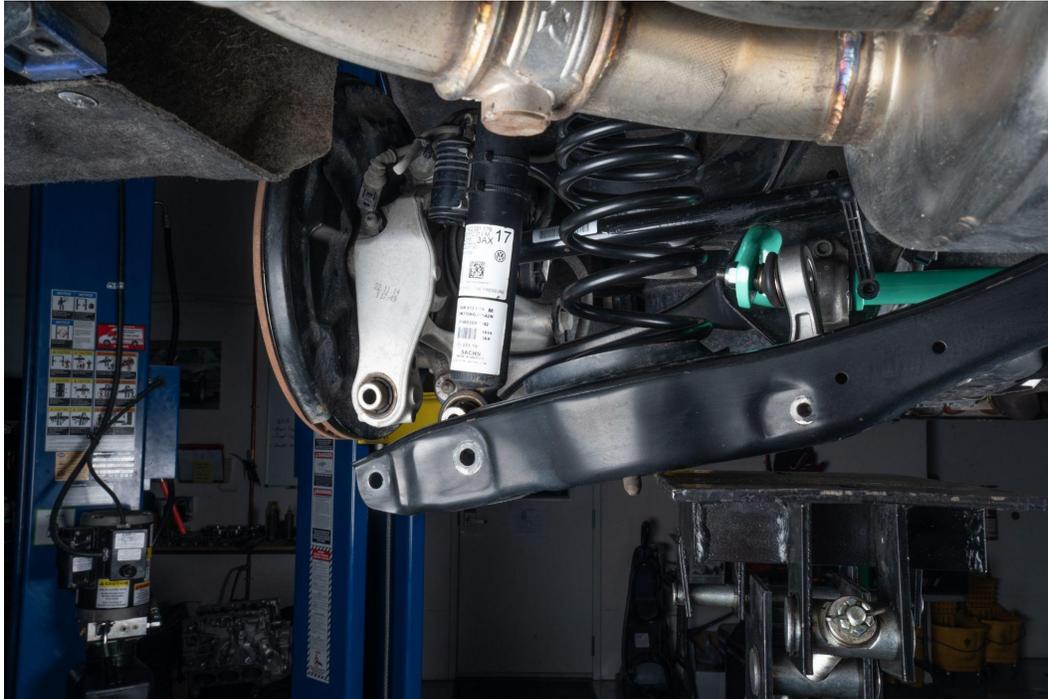
Remove two 18mm bolts connecting wheel hub and shock to lower control arm



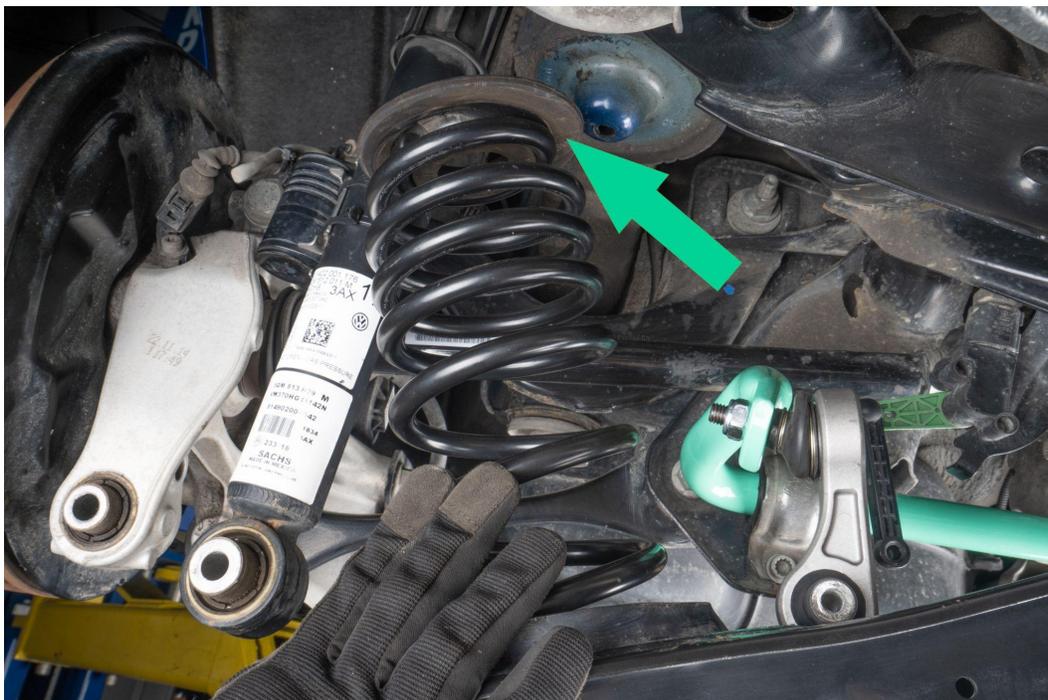
Remove 13MM nut and bolt securing end link to lower control arm using a 13MM socket and Wrench



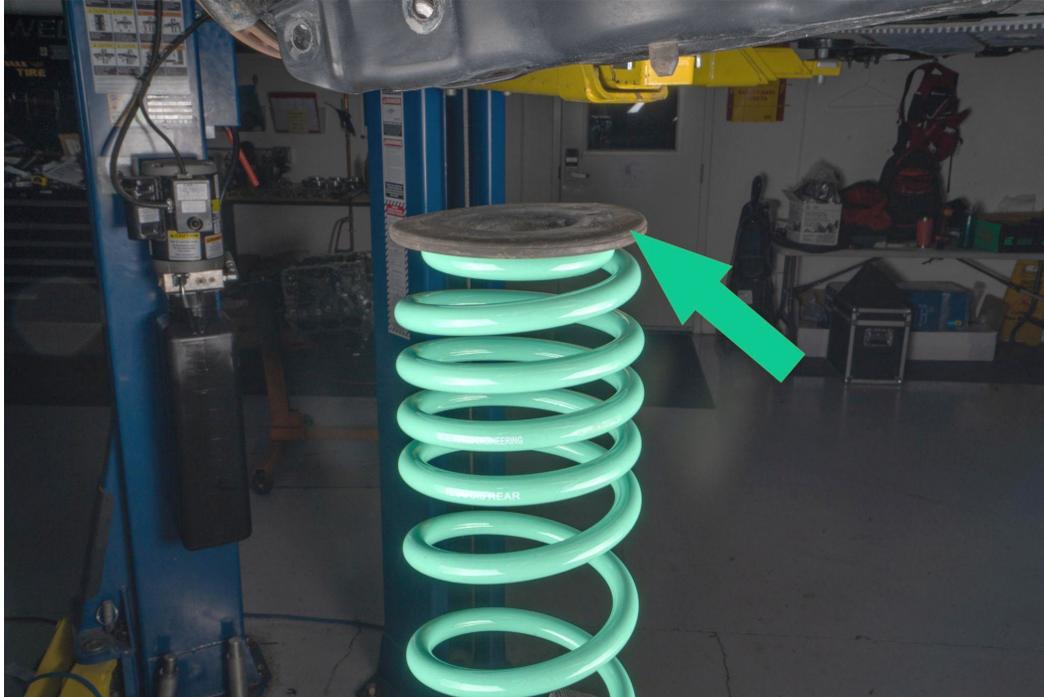
Lower jack to release control arm



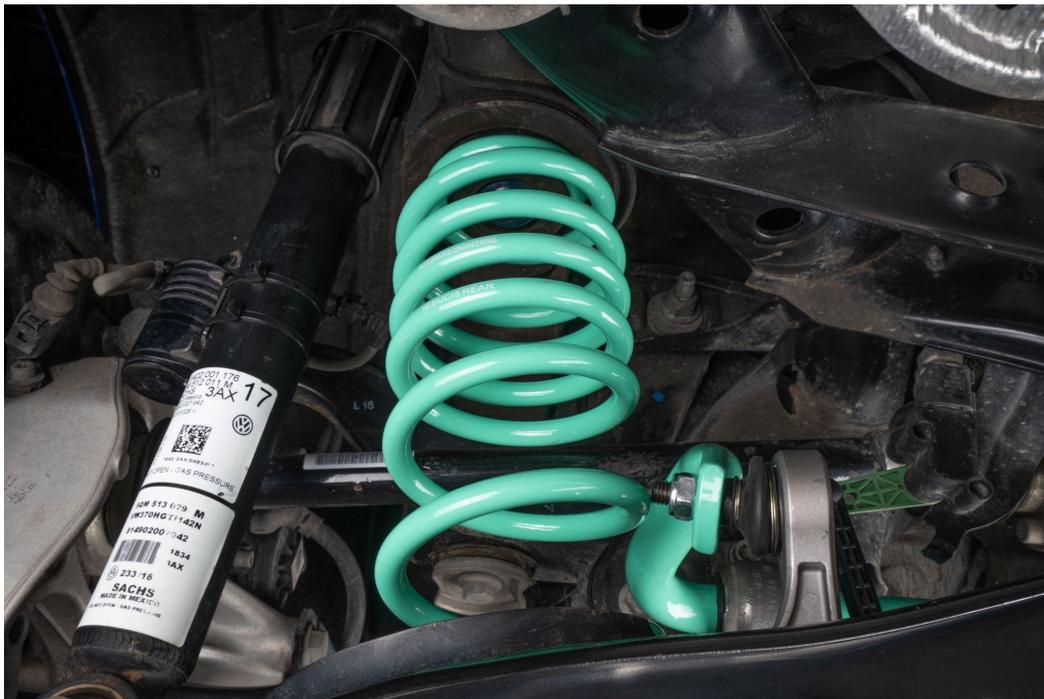
Remove spring from lower control arm and Remove upper spring cushion



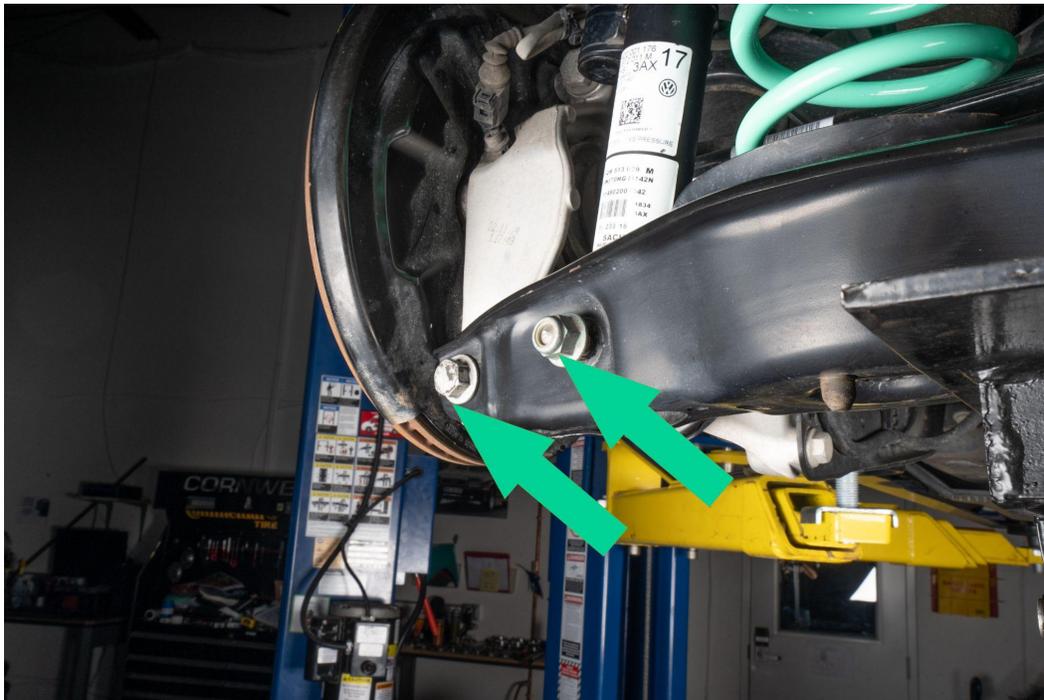
Install OE upper spring cushion onto new IE springs



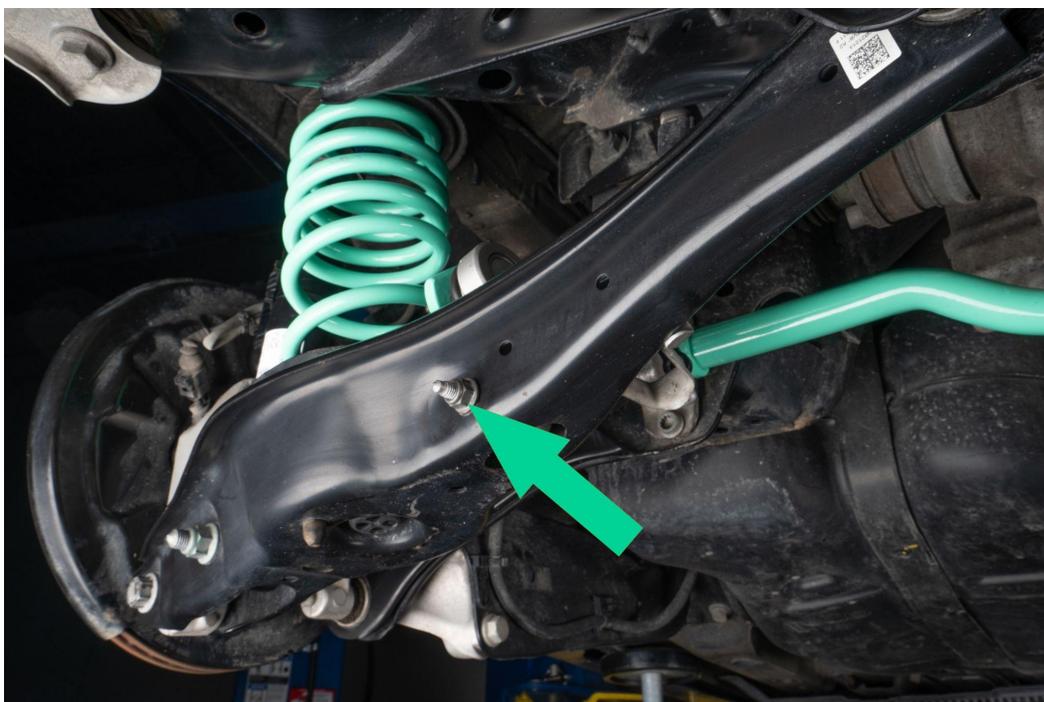
Set spring into place in lower control arm, and align top of the spring with the body



Jack up lower control arm and Reinstall two 18mm bolt connecting shock and wheel hub to lower control arm



Reinstall 13MM nut and bolt securing end link to lower control arm using a 13MM socket and Wrench

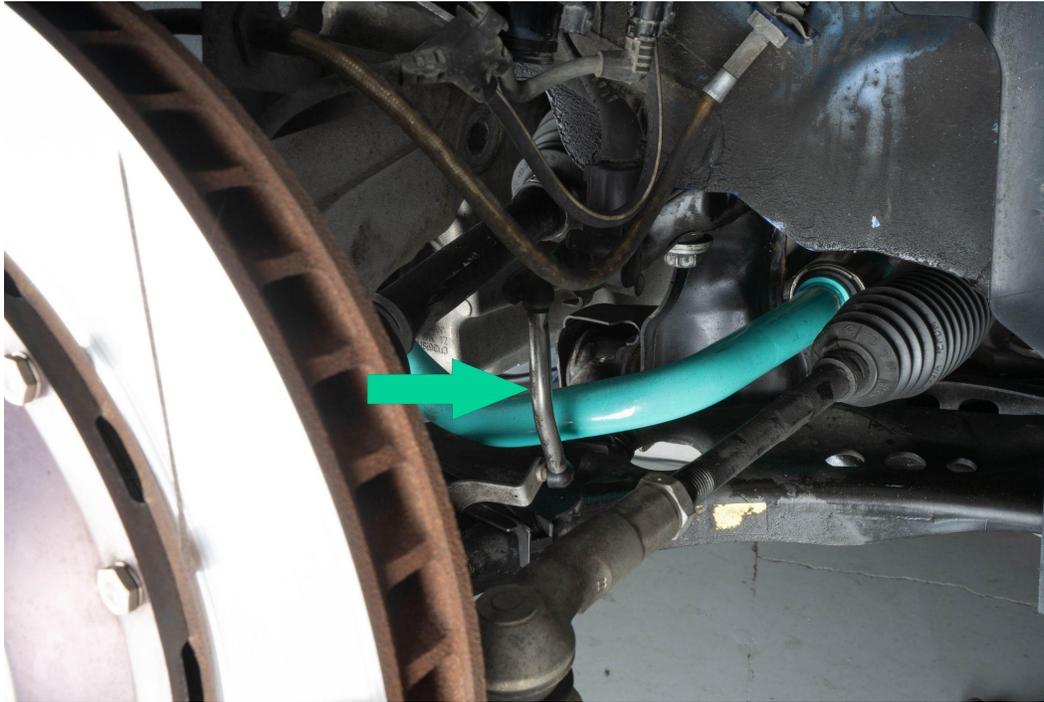


FRONT SPRINGS

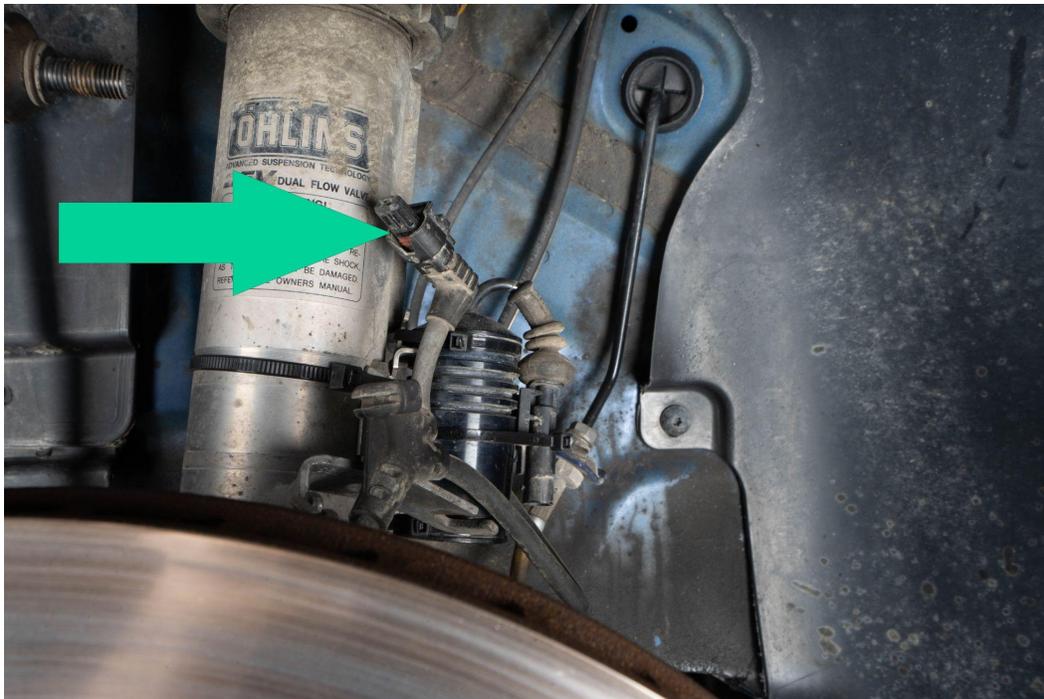
Steps can be repeated on both sides

Jack up car and remove the wheels

Remove ride height sensor on the control arm side



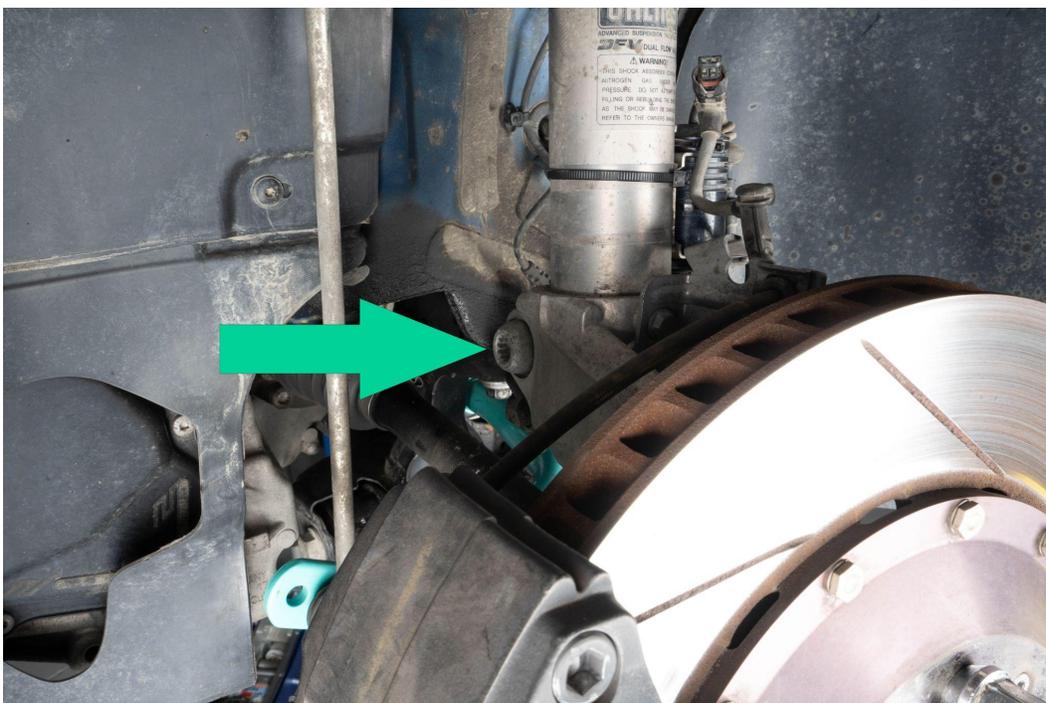
Unplug electrical connector on shock body

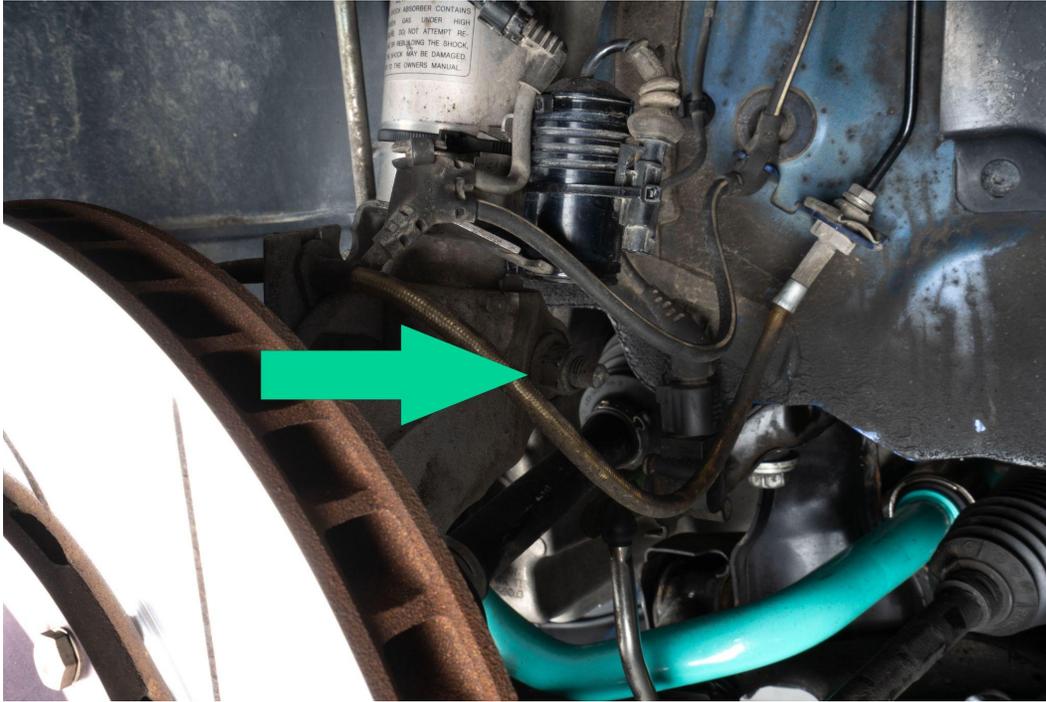


Disconnect 18mm nut connecting sway bar and shock body



Use an M14 triple square to remove strut bolt, and an 18mm socket to remove nut





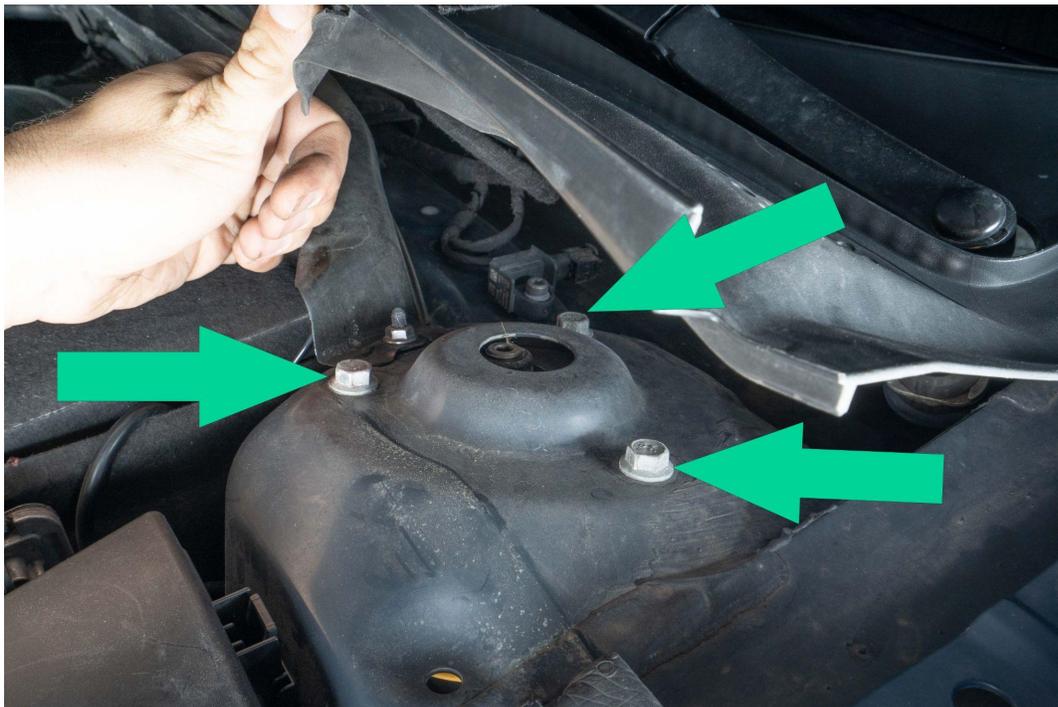
Use strut spreader to separate strut from steering knuckle



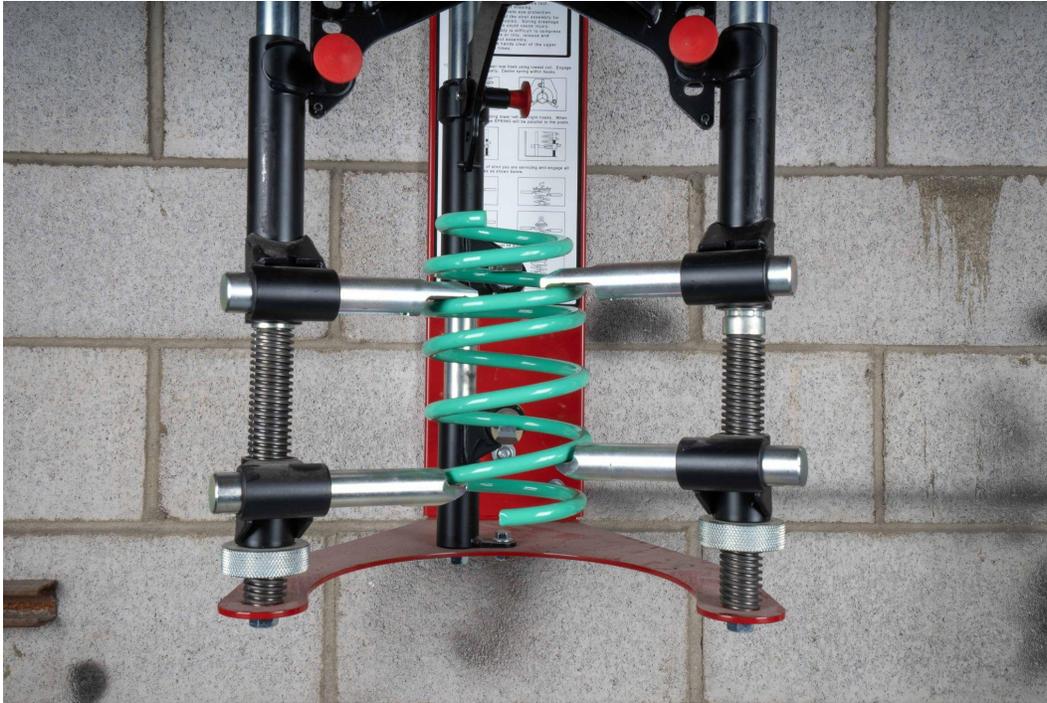
Lift rain tray to access upper strut mount bolts on strut tower



Remove three 13mm strut mount bolts connecting to the strut tower, while doing this, grab hold of the shock to ensure it doesn't fall after removing the final bolt



Load spring into spring compressor



Lift strut into place and align bottom coil into spring perch



Assemble upper spring perch and strut mount on top of the shock and secure nut to strut mount



Once nut is secure, remove entire assembly from spring compressor



Lift strut back into place and secure upper mount bolts using a 13mm socket



Use Jack to raise the knuckle back into the strut and reconnect the sway bar end link. Reconnect ride height level sensor.



Enjoy the enhanced feel and drive of your new IE Performance Lowering Springs!



Thank you for purchasing another Integrated Engineering product. We are dedicated to serving your VW/Audi engine and performance needs. Please check our website frequently for new product releases. If you have any questions or concerns about this product please do not hesitate to contact us.

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